



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

September 6, 1989

TO: RICK SMITH, PERMIT SUPERVISOR

FROM: BILL WARMACK, RECLAMATION SPECIALIST *WAW*

RE: TRAIL MOUNTAIN #9 COAL EXPLORATION DRILLING, BEAVER CREEK
COAL COMPANY, CEP/015/009-87A, FOLDER #2, EMERY COUNTY, UTAH.

Under the above referenced permit, drill hole TM-DH-2 was drilled and reclaimed in 1988. The site was inspected on August 2, 1989, with representatives from Beaver Creek Coal Company. The hole has been plugged and marked with a brass cap indicating the hole number, company, and date. Upon reclamation, the hole was buried per Forest Service recommendations. No erosional or instability problems were detected. Please refer to my Memo to Coal File, dated August 4, 1989.



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August 4, 1989

TO: COAL FILE

FROM: BILL WARMACK, RECLAMATION SPECIALIST *WW*

RE: TRAIL MOUNTAIN COAL EXPLORATION DRILLING, BEAVER CREEK COAL
COMPANY, CEP/015/009, FOLDER #2, EMERY COUNTY, UTAH.

SYNOPSIS

Beaver Creek Coal Company (BCCC) has conducted exploratory drilling operations during 1988 and the summer 1989. Six holes were drilled in 1988 (TM-DH-2, TMX-1, TMX-3, TMX-4, TMX-4A, TMX-9), and as of August 2, 1989, three additional holes (TMX-5, TMX-7, TMX-8) were completed, one was being drilled (TMX-2), and one area was being prepared (TMX-6). Anticipated completion date for the drilling activities is late September or early October 1989.

ANALYSIS

Reclamation of the drilling sites (pad and roads) is initiated once a drill hole is completed. Holes are sealed and marked with a brass cap, indicating the date of completion, hole number, and company (BCCC). During reclamation, holes are then covered and staked to mark the general location of the hole. Seeding is done in conjunction with soil dispersion. On the sites that have been reclaimed (TM-DH-2, TMX-1, TMX-4, TMX-4A, TMX-5, TMX-7, TMX-8), the approximate original contour has been achieved. New roads that were developed to access the sites have been reclaimed.

Although TMX-3 was drilled during 1988, the mud pits did not dry out to facilitate reclamation. Therefore, the pits were fenced in to prevent livestock or wildlife from entering, and the site was utilized during 1989 for material storage. Upon completion of drilling, this site will be reclaimed. Further, TMX-2 and possibly TMX-6 might have to remain in a disturbed state until the pits associated with these sites dry out.

Vegetative growth on sites TM-DH-2, TMX-4, and TMX-4A appears to have developed fairly well even though precipitation has been minimal. There was not any noticeable erosion on any of the active or reclaimed drill sites indicating drainages have been properly managed.

RECOMMENDATIONS

Upon completion of the current year's drilling activities, an additional site visit should be made to assess the reclamation of the remaining drill sites. As of August 2, no erosional or instability problems were noted, and none are anticipated.

A copy of the drilling/reclamation schedule is attached for reference.

cc. R. Smith
PFO

TRAIL MOUNTAIN MINE RECLAMATION DRILLING ACTIVITIES

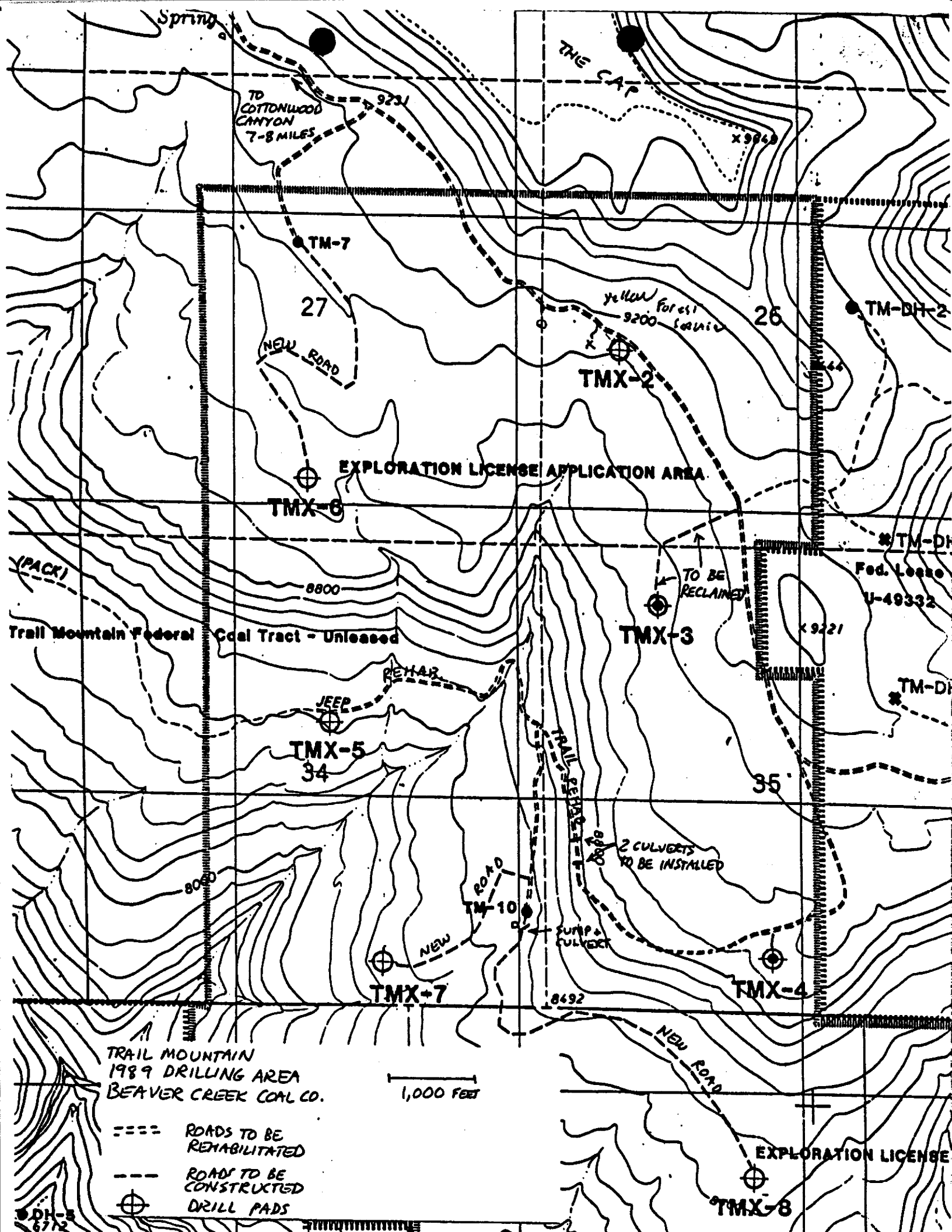
7/18/89
KSF

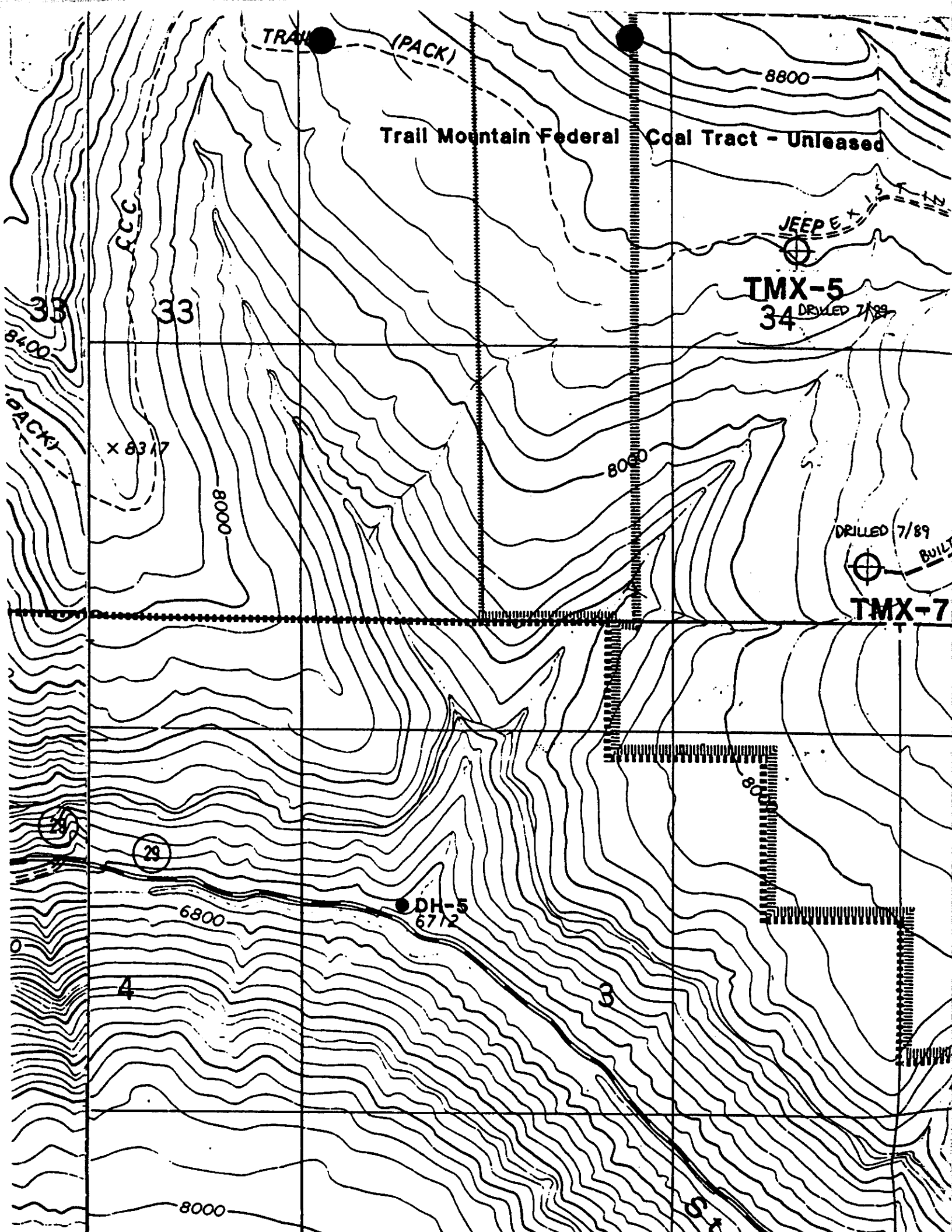
		<u>HOLE NO.</u>	<u>PERMIT APPLIED FOR</u>	<u>PERMIT APPROVED</u>	<u>DRILLED</u>	<u>RECLAIMED</u>
ON EXISTING LEASE U-49332	{	TM-DH-1	4/87	7/87	NO	-
		TM-DH-2	4/87	7/87	7/12/88-7/22/88	10/88
		TM-DH-3	4/87	7/87	NO	-
		TM-DH-4	4/88	7/88	NO	-
			<u>EXPL. LICENSE APPLIED FOR</u>	<u>EXPL. LICENSE APPROVED</u>	<u>DRILLED</u>	<u>RECLAIMED</u>
ON UNLEASED TRAIL MOUNTAIN FED. LEASE TRACT	{	TMX-1	4/88	8/88	8/22/88-8/26/88	9/88
		TMX-2	4/88	8/88	7/89 *	9/89 *
		TMX-3	4/88	8/88	10/3/88-10/12/88	9/89 *
		TMX-4	4/88	8/88	9/3/88-9/9/88	10/88
		TMX-4A	LOST TMX-4- TMX 4A IS RE-DRILL ON SAME SITE.		9/15/88-9/27/88	10/88
		TMX-5	4/88	8/88	7/11/89 - PRESENT	8/89 *
		TMX-6	4/88	8/88	8/89 *	9/89 *
		TMX-7	4/88	8/88	7/5/89 - 7/9/89	8/89 *
		TMX-8	4/88	8/88	6/23/89-6/30/89	8/89 *
		TMX-9	4/88	8/88	8/27/88-8/29/88	9/88

* ANTICIPATED COMPLETION DATE FOR 1989.

original
↓
Given to Joe
Helfrich (not my)
- 7/19/89.

[Signature]





Canyon

Spring

23

8800

9600

Federal Coal Tract - Unleased

9291

X 9649

26

9200

DRILLED 7/88
RECLAIMED 10/88

TM-DH-2

TMX-2

DRILLED 7/89

NOT
DRILLED

TM

LOCATION LICENSE APPLICATION AREA

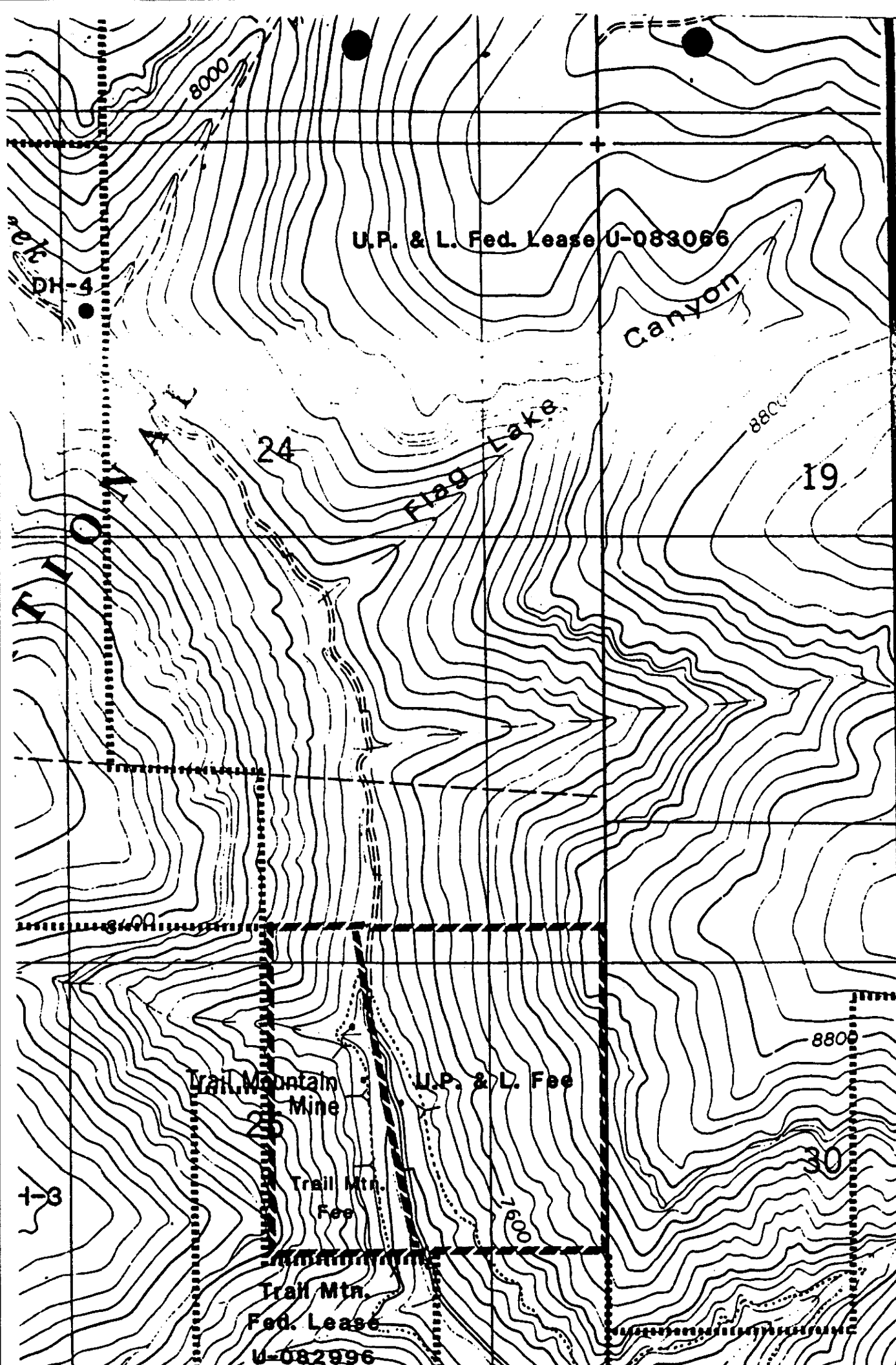
UTU - (64375)

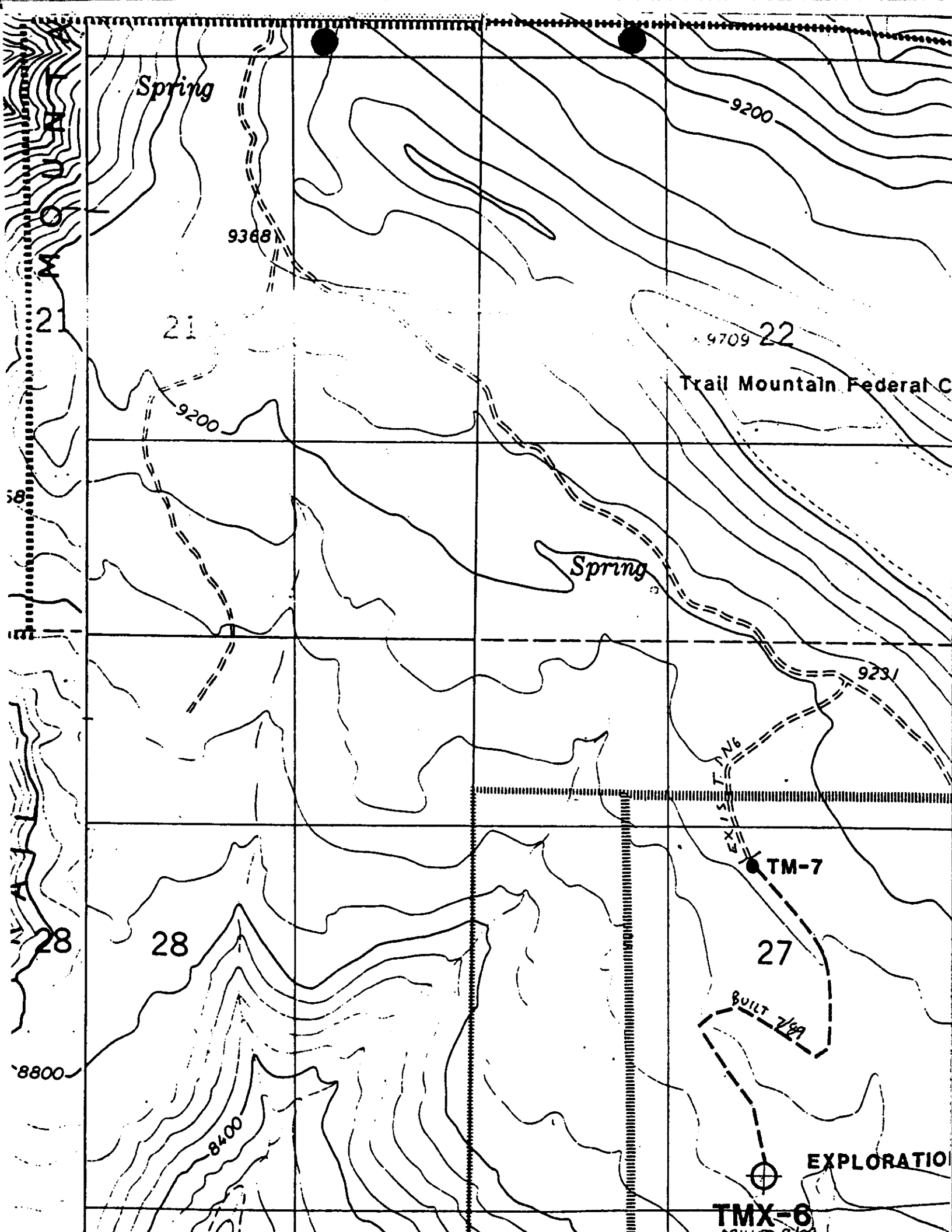
EXISTING

RECLAIMED

NOT BUILT

NOT DRILLED





Spring

9368

9200

21

9200

9709 22

Trail Mountain Federal C

Spring

9231

TM-7

TM-7

27

BUILT 2/89

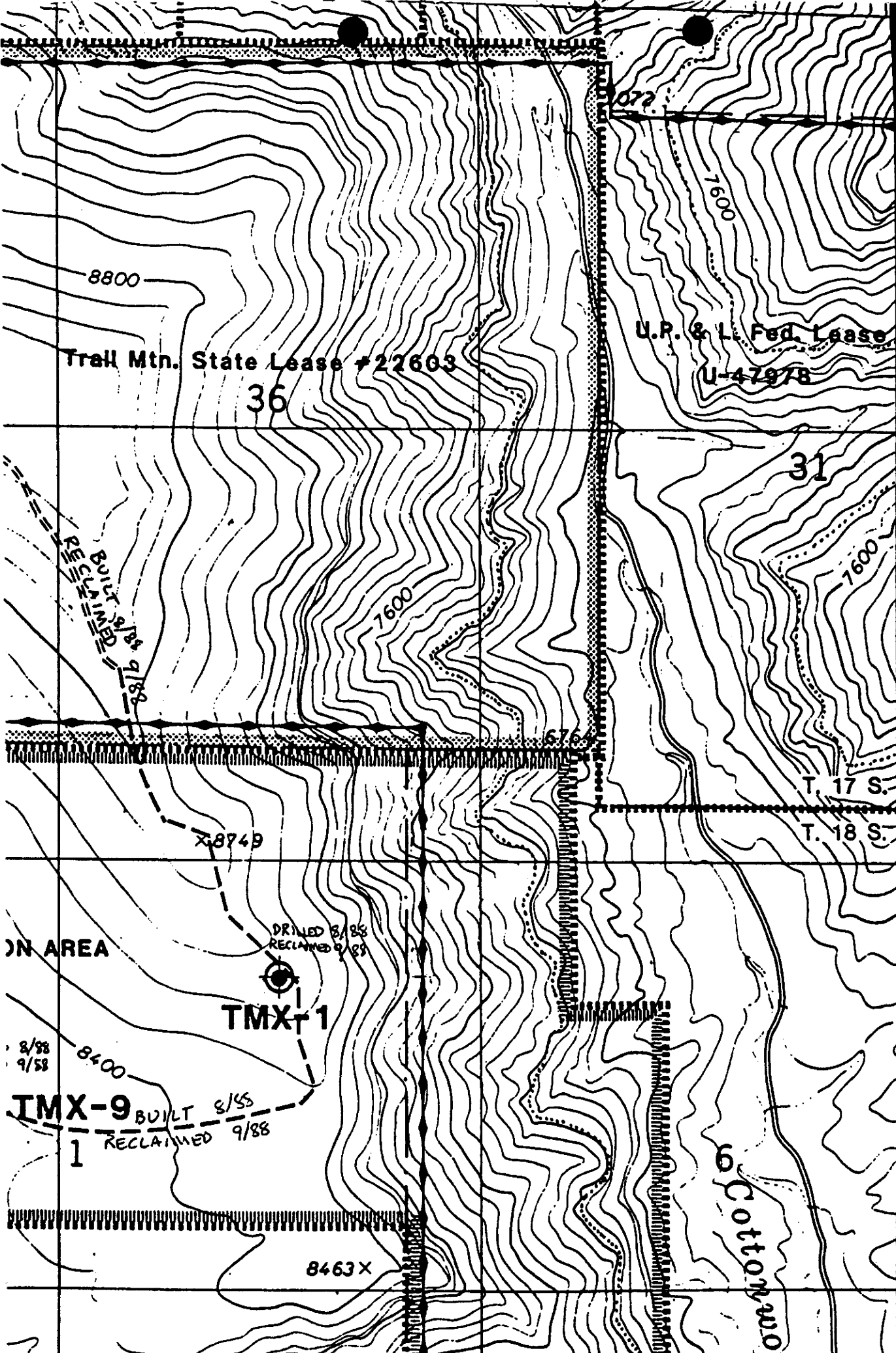
28

8800

8400

EXPLORATION

TMX-6



8800

Trail Mtn. State Lease #22603

36

U.P. & L. Fed. Lease

U-47978

31

BUILT 8/88
RECLAIMED 9/88

7600

7600

8749

T. 17 S.

T. 18 S.

ON AREA

TMX-1

DRILLED 8/88
RECLAIMED 9/88

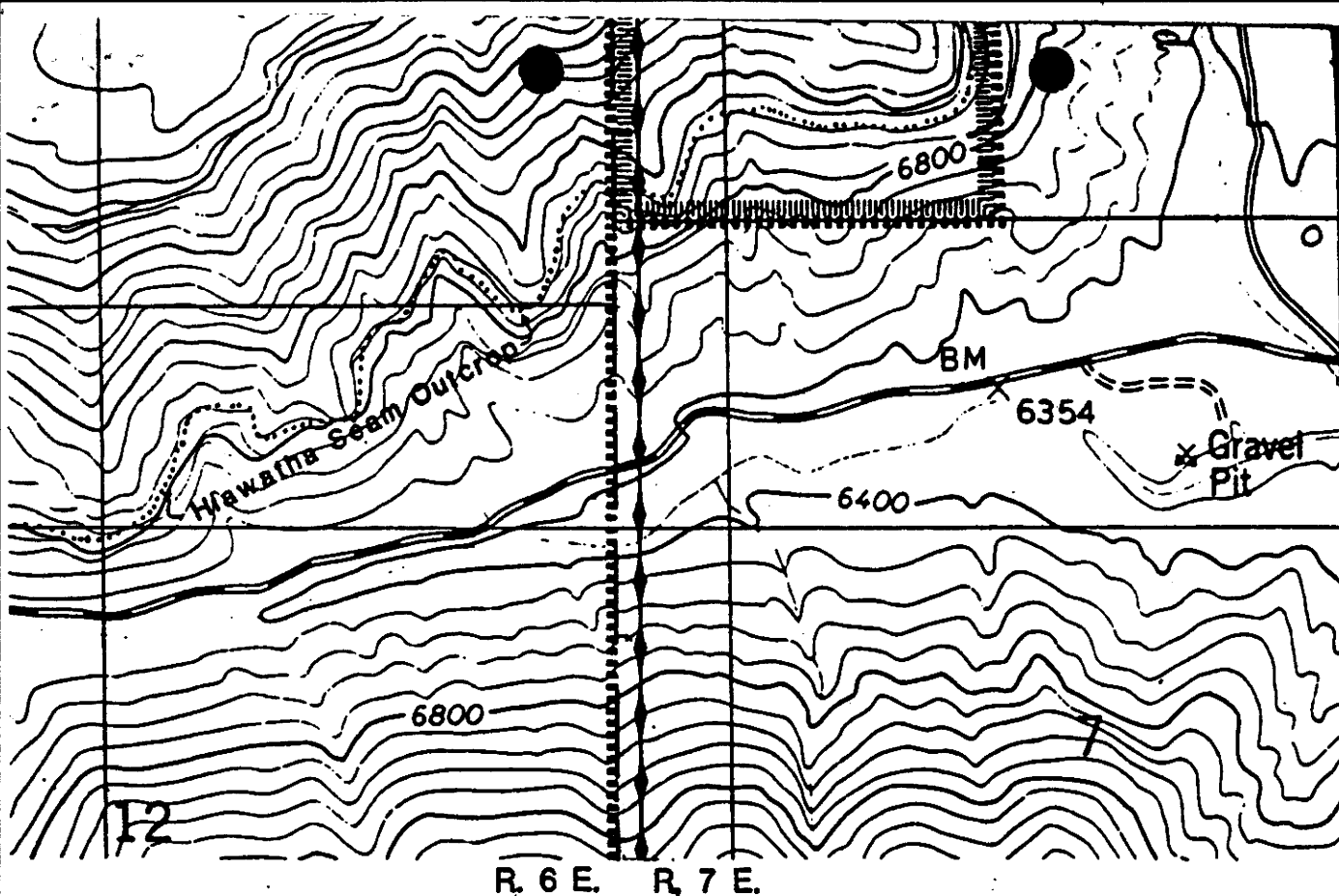
8/88
9/88

8400

TMX-9
BUILT 8/88
RECLAIMED 9/88
1

8463 X

Cottonwood



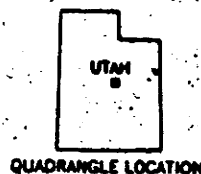
Beaver Creek Coal Company

Trail Mountain No. 9 Mine
 DRILLING + RECLAMATION STATUS - 7/18/89
1988 Exploration License

Application Area
 Emery County, Utah

7/18/89
 K.S.F.

Prepared:	K.S.F.	Scale: 1"=1000'	FIGURE 4
Department:	Geology	Date: 3/16/88	
Drawn by:	K.S.F.	Revised 6/30/88	



QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface _____ Light-duty road, hard or improved surface _____
 Secondary highway, hard surface _____ Unimproved road _____
 Interstate Route U. S. Route State Route

MAHOOGANY POINT, UTAH

SW/4 MAHATMA 18' QUADRANGLE

N3915-W11107.57.5

1979

DMA 3702 1 SW-SERIES 1007